

Message

From: Wayne Miller [Miller.Wayne@azdeq.gov]  
 Sent: 9/2/2015 8:38:51 PM  
 To: d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]  
 Subject: RE: 2015-9-2 - wafb - thanks - solvent origin - 1999 SS017 Rpt - Soil - ST012 and SS017

Thank you.

From: d'Almeida, Carolyn K. [mailto:dAlmeida.Carolyn@epa.gov]  
 Sent: Wednesday, September 02, 2015 1:22 PM  
 To: Wayne Miller <Miller.Wayne@azdeq.gov>; Davis, Eva <Davis.Eva@epa.gov>  
 Cc: Steve Willis <steve@uxopro.com>  
 Subject: 2015-9-2 - wafb - solvent origin - 1999 SS017 Rpt - Soil - ST012 and SS017 - cda epa

I'm looking at the 1999 SS-17 RI report and there are some solvents detected, methylene chloride, and even some PCE reported – on page 94 and 95

**Summary of Detected VOCs, SS-17  
 OU-6 Expanded Investigation  
 Williams Air Force Base, Arizona**

(Page 1 of 2)

LOCATION	SAMPLE NO.	DATE	MATRIX	TEST GROUP	BEGN DEPTH (FT.)	END DEPTH (FT.)	PARAMETER	VAL. RESULT	VAL. QUALIFIER	DETECTION LIMIT	UNIT	SOIL HBGL	EPA PRG RES SOIL
SS17-BH07	F5041	12/8/98	SOIL	VOC	10	10.5	CHLOROMETHANE	0.003	J	0.012	MG/KG	100	1.20
SS17-BH07	F5041	12/8/98	SOIL	VOC	10	10.5	METHYLENE CHLORIDE	0.002	J	0.012	MG/KG	180	7.80
SS17-BH07	F5042	12/8/98	SOIL	VOC	60	60.5	CHLOROMETHANE	0.003	J	0.01	MG/KG	100	1.20
SS17-BH07	F5046	12/10/98	SOIL	VOC	110	110.5	METHYLENE CHLORIDE	0.002	J	0.013	MG/KG	180	7.80
SS17-BH08	F5062	12/10/98	SOIL	VOC	30	30.5	METHYLENE CHLORIDE	0.002	J	0.011	MG/KG	180	7.80
SS17-BH08	F5054	12/11/98	SOIL	VOC	100	100.5	2-BUTANONE	0.004	J	0.012	MG/KG	70000	7100.00
SS17-BH08	F5056	12/11/98	SOIL	VOC	140	140.5	2-BUTANONE	0.002	J	0.011	MG/KG	70000	7100.00
SS17-BH08	F5057	12/11/98	SOIL	VOC	170	170.5	2-BUTANONE	0.002	J	0.012	MG/KG	70000	7100.00
SS17-BH08	F5057	12/11/98	SOIL	VOC	170	170.5	METHYLENE CHLORIDE	0.002	J	0.012	MG/KG	180	7.80
SS17-BH09	F5138	12/12/98	SOIL	VOC	10	10.5	ACETONE	0.026	B	0.012	MG/KG	12000	2100.00
SS17-BH09	F5139	12/12/98	SOIL	VOC	10	10.5	TETRACHLOROETHENE	0.003	J	0.012	MG/KG	27	5.40
SS17-BH10	F5072	12/13/98	SOIL	VOC	40	40.5	METHYLENE CHLORIDE	0.002	J	0.011	MG/KG	180	7.80
SS17-BH11	F5081	12/16/98	SOIL	VOC	100	100.5	ACETONE	0.12	B	0.012	MG/KG	12000	2100.00
SS17-BH12	F5089	12/17/98	SOIL	VOC	5	5.5	CHLOROMETHANE	0.002	J	0.011	MG/KG	100	1.20
SS17-BH12	F5089	12/17/98	SOIL	VOC	10	10.5	ACETONE	0.12	B	0.013	MG/KG	12000	2100.00
SS17-BH12	F5090	12/17/98	SOIL	VOC	10	10.5	CHLOROMETHANE	0.002	J	0.013	MG/KG	100	1.20
SS17-BH13	F5103	12/17/98	SOIL	VOC	60	60.5	CHLOROMETHANE	0.002	J	0.013	MG/KG	100	1.20
SS17-BH13	F5104	12/17/98	SOIL	VOC	100	100.5	CHLOROMETHANE	0.003	J	0.013	MG/KG	100	1.20
SS17-BH14	F5110	12/18/98	SOIL	VOC	10	10.5	TOLUENE	0.002	J	0.011	MG/KG	23000	780.00
SS17-BH15	F5119	12/19/98	SOIL	VOC	5	5.5	ACETONE	0.032	J	0.011	MG/KG	12000	2100.00
SS17-BH15	F5119	12/19/98	SOIL	VOC	5	5.5	TOLUENE	0.005	J	0.011	MG/KG	23000	780.00
SS17-BH15	F5120	12/19/98	SOIL	VOC	10	10.5	ACETONE	0.03	J	0.011	MG/KG	12000	2100.00
SS17-BH15	F5120	12/19/98	SOIL	VOC	10	10.5	METHYLENE CHLORIDE	0.038	J	0.011	MG/KG	180	7.80
SS17-BH15	F5120	12/19/98	SOIL	VOC	10	10.5	TOLUENE	0.01	J	0.011	MG/KG	23000	780.00
SS17-BH15	F5121	12/19/98	SOIL	VOC	30	30.5	ACETONE	0.083	J	0.011	MG/KG	12000	2100.00
SS17-BH15	F5121	12/19/98	SOIL	VOC	30	30.5	TOLUENE	0.003	J	0.011	MG/KG	23000	780.00
SS17-BH15	F5122	12/19/98	SOIL	VOC	50	50.5	ACETONE	0.088	J	0.011	MG/KG	12000	2100.00
SS17-BH15	F5122	12/19/98	SOIL	VOC	50	50.5	METHYLENE CHLORIDE	0.012	J	0.011	MG/KG	180	7.80
SS17-BH15	F5123	12/19/98	SOIL	VOC	100	100.5	ACETONE	0.027	J	0.014	MG/KG	12000	2100.00
SS17-BH15	F5123	12/19/98	SOIL	VOC	100	100.5	METHYLENE CHLORIDE	0.018	J	0.014	MG/KG	180	7.80

Table 2-6

Summary of Detected VOCs, SS-17  
 OU-6 Expanded Investigation  
 Williams Air Force Base, Arizona

(Page 2 of 2)

LOCATION	SAMPLE NO.	DATE	MATRIX	TEST GROUP	BEGIN DEPTH (FT.)	END DEPTH (FT.)	PARAMETER	VAL. RESULT	VAL. QUALIFIER	DETECTION LIMIT	UNIT	SOIL HBQL	EPA PRG RES SOIL
SS17-BH18	F5129	12/18/96	SOIL	VOC	5	5.5	ACETONE	0.049		0.011	MG/KG	12000	2100.00
SS17-BH18	F5129	12/18/96	SOIL	VOC	5	5.5	M,P-XYLENE	0.003	J	0.011	MG/KG	NC	NC
SS17-BH18	F5129	12/18/96	SOIL	VOC	5	5.5	METHYLENE CHLORIDE	0.018		0.011	MG/KG	180	7.80
SS17-BH18	F5129	12/18/96	SOIL	VOC	5	5.5	TOLUENE	0.003	J	0.011	MG/KG	23000	790.00
SS17-BH18	F5129	12/18/96	SOIL	VOC	5	5.5	XYLENE (TOTAL)	0.003	J	0.011	MG/KG	230000	320.00
SS17-BH18	F5130	12/18/96	SOIL	VOC	10	10.5	ACETONE	0.17		0.012	MG/KG	12000	2100.00
SS17-BH18	F5130	12/18/96	SOIL	VOC	10	10.5	METHYLENE CHLORIDE	0.047		0.012	MG/KG	180	7.80
SS17-BH18	F5131	12/18/96	SOIL	VOC	40	40.5	ACETONE	0.053		0.012	MG/KG	12000	2100.00
SS17-BH18	F5131	12/18/96	SOIL	VOC	40	40.5	METHYLENE CHLORIDE	0.038		0.012	MG/KG	180	7.80
SS17-BH18	F5132	12/18/96	SOIL	VOC	100	100.5	ACETONE	0.05		0.011	MG/KG	12000	2100.00
SS17-BH18	F5132	12/18/96	SOIL	VOC	100	100.5	METHYLENE CHLORIDE	0.1		0.011	MG/KG	180	7.80
SS17-BH18	F5133	12/20/96	SOIL	VOC	130	130.5	ACETONE	0.034		0.012	MG/KG	12000	2100.00
SS17-BH18	F5133	12/20/96	SOIL	VOC	130	130.5	METHYLENE CHLORIDE	0.046		0.012	MG/KG	180	7.80
SS17-BH18	F5135	12/20/96	SOIL	VOC	170	170.5	ACETONE	0.098		0.012	MG/KG	12000	2100.00
SS17-BH18	F5135	12/20/96	SOIL	VOC	170	170.5	METHYLENE CHLORIDE	0.046		0.012	MG/KG	180	7.80
SS17-BH18	F5138	12/20/96	SOIL	VOC	130	130.5	ACETONE	0.03		0.012	MG/KG	12000	2100.00
SS17-BH18	F5138	12/20/96	SOIL	VOC	130	130.5	METHYLENE CHLORIDE	0.081		0.012	MG/KG	180	7.80

Carolyn d'Almeida  
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*"Because a waste is a terrible thing to mind..."*

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